

**CALIFORNIA ENERGY COMMISSION**

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## **Notice of Report Availability**

### ***LOCALIZED HEALTH IMPACTS REPORT***

#### ***Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-09-604 Publication CEC-600-2010-009***

Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007) created the Alternative and Renewable Fuel and Vehicle Technology Program. This statute, amended by Assembly Bill 109 (Núñez, Chapter 313, Statutes of 2008), authorizes the California Energy Commission to “develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.” The Energy Commission has an annual program budget of approximately \$100 million.

The statute also directs the California Air Resources Board to develop guidelines that apply to the program to ensure the program complements efforts to improve air quality. The Air Quality Guidelines were approved in 2008. California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c)(6) contains the requirement for the Energy Commission, being the funding agency, to analyze the localized health impacts of projects funded by the program that require a permit.

California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c) (6) requires the Energy Commission to consider the localized health impacts and environmental justice when selecting projects for funding. The Energy Commission is required to analyze localized health impacts for projects proposed for program funding that require a permit and publish a staff report for review and comment by the public at least 30 calendar days before approval of projects. The report was publicly available on December 24, 2010.

This report is a review of the projects submitted under the Biofuel Production Plants grant solicitation and proposed for funding under the Alternative and Renewable Fuel and Vehicle Technology Program for Fiscal Year 2010/2011. The report includes a description of the projects, criteria emissions data for the fuels associated with the projects and demographic data for the areas where the projects will be located, and an analysis of the impacts of these projects in communities with the most significant exposure to air contaminants or localized air contaminants.

The specific projects analyzed in this report are:

- Mendota Advanced Bioenergy Beet Cooperative's "Advanced Bioenergy Center Mendota"
- Agricultural Waste Solutions, Incorporated's "San Jacinto Biofuel Production #1"
- Biodiesel Industries' "ARIES© Bioenergy Project"
- Great Valley Energy's "Feasibility Study of Fractionated Sweet Sorghum to Ethanol and Products"
- G4 Insights Incorporated's "Thermochemical Conversion of Forestry Biomass into Biomethane Transportation Fuel"
- City of San José's "City of San José /Harvest Power Biomethane Production Demonstration Project"
- Northstate Rendering Company, Incorporated's "Anaerobic Digestion of Rendering Waste to Make CNG Vehicle Fuel"
- Cal Poly State University, San Luis Obispo's "Low-cost, Waste-grown Biofuel Feedstock Production"
- East Bay Municipal Utility District's "Cost Effective Fats, Oils, and Grease (FOG) to Biodiesel Production at a Wastewater Treatment Plant"
- Clean World Partners', LLC "Sacramento Biorefinery #1"
- West Yost Associates' "Wastewater Algae Biofuel Feasibility Study"
- BioStar Systems', LLC "Sonoma County Biomethane Production for Transportation Fuel"

This report is available free from the Energy Commission's website at:  
[www.energy.ca.gov/2010publications/CEC-600-2010-009/CEC-600-2010-009.PDF](http://www.energy.ca.gov/2010publications/CEC-600-2010-009/CEC-600-2010-009.PDF)

A print copy is available upon request made either in writing to the address below or by electronic mail to [[ab118@energy.state.ca.us](mailto:ab118@energy.state.ca.us)].

## Written Comments

**Written comments on this report must be submitted by 5 p.m. on January 24, 2011. Written comments received after that date and time will not be considered.** Please include the publication number CEC-600-2010-009 and indicate *Localized Health Impacts Report for Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-09-604* in the subject line or first paragraph of your comments. Please hand deliver or mail an **original copy** to:

California Energy Commission  
Fuels and Transportation Division, MS-44  
Re: CEC-600-2010-009  
1516 Ninth Street  
Sacramento, CA 95814-5512

The Energy Commission encourages comments by electronic mail (e-mail). Please include your name or organization's in the name of the file. Those submitting comments by e-mail should provide them in either Microsoft Word format or as a Portable Document (PDF) to [[ab118@energy.state.ca.us](mailto:ab118@energy.state.ca.us)].

Note: California Energy Commission's formal name is State Energy Resources Conservation and Development Commission